

What is claimed is:

1. An information processing apparatus, comprising:

a mount device that is capable of being mounted to the user's head and that is capable of acquiring first picture information from information of user's surroundings; and

a portable device having:

means for storing map information,

means for acquiring user's any position

information and second picture information of the user's surroundings, the second picture information being different from the first picture information,

means for setting a user's destination,

means for searching the map information for the destination that has been set and setting a route to the destination according to user's present position information, and

first informing means for informing the user of at least route information that has been set of the route information, the user's first picture information on the route and the user's second picture information on the route with vibration,

2. The information processing apparatus as set forth in claim 1,

wherein the mount device has:

second informing means for informing the user of at least one of the route information, the first

picture information, and the second picture information with sound.

3. The information processing apparatus as set forth in claim 2,

5 wherein the portable device also has:

a sensor that detects an obstacle, and

wherein the first informing means or the second informing means has:

10 means for informing the user of information of the obstacle according to a detection signal of the sensor.

4. The information processing apparatus as set forth in claim 1,

15 wherein the portable device has a main body that has a first surface and a second surface opposite to the first surface,

wherein the first informing means has a plurality of vibration buttons that vibrate user's fingers, and

20 wherein each of the vibration buttons is composed of a first vibration button and a second vibration button disposed on the first surface and the second surface of the main body, respectively.

5. The information processing apparatus as set forth in claim 4,

wherein the first informing means has:

25 means for informing the user of a right-turn instruction and a left-turn instruction as the route information through the first vibration button and the

second vibration button, respectively.

6. The information processing apparatus as set forth in claim 4,

wherein the first informing means has:

5 means for informing the user of the first picture information and the second picture information through the first vibration button and the second vibration button, respectively.

7. The information processing apparatus as set forth  
10 in claim 1,

wherein the portable device has a main body that has a first surface, a second surface opposite to the first surface, and a third surface nearly perpendicular to the first surface and the second surface,

15 wherein the first informing means has a plurality of vibration buttons that vibrate user's fingers, and

wherein each of the vibration buttons is composed of a first vibration button, a second vibration button, and a third vibration button disposed on the first  
20 surface, the second surface, and the third surface of the main body, respectively.

8. The information processing apparatus as set forth in claim 7,

wherein the first informing means has:

25 means for informing the user of a right-turn instruction, a left-turn instruction, and a go-straight instruction as the route information through the first

vibration button, the second vibration button, and the third vibration button, respectively.

9. The information processing apparatus as set forth in claim 1,

5            wherein the first informing means has:

             means for varying the state of the vibration according to at least one of the route information, the first picture information, and the second picture information.

10          10. The information processing apparatus as set forth in claim 1,

             wherein the first informing means has:

             a plurality of vibration buttons that vibrate the user's fingers, and

15           means for outputting information in combination of vibration states of the vibration buttons.

11. The information processing apparatus as set forth in claim 1,

             wherein the portable device also has:

20           means for storing position information of a predetermined facility as the map information, and

             means for informing the facility of the user's physiological state according to a user's operation input, and

25           wherein the route setting means has:

             means for setting a route from the user's present position to the informed facility according to a user's

operation input signal.

12. The information processing apparatus as set forth in claim 1,

wherein the mount device has:

5           an identifier that is disposed on the exterior of the mount device and that identifies a handicapped person.

13. The information processing apparatus as set forth in claim 1, further comprising:

10           solar power generation means disposed in at least one of the mount device and the portable device.

14. The information processing apparatus as set forth in claim 1, further comprising:

15           mechanical power generation means disposed in at least one of the mount device and the portable device.

15. A portable device, comprising:

means for storing map information;

20           means for acquiring user's any position information and second picture information different from first picture information acquired by a mount device from information of user's surroundings, the mount device being capable of being mounted to the user's head;

means for setting a user's destination;

25           means for searching the map information for the destination that has been set and setting a route to the destination according to the user's present

position information; and

informing means for informing the user of at least route information that has been set of the route information, the user's first picture information on the route and the user's second picture information on the route with vibration.

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16. An information processing method, comprising the steps of:

storing map information;

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causing a mount device capable of being mounted to the user's head to acquire first picture information from information of user's surroundings;

acquiring user's present position information as map information;

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setting a user's destination;

searching the map information for the destination that has been set;

setting a route to the destination according to the user's present position information;

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acquiring second picture information from the information of the user's surroundings, the second picture information being different from the first picture information with a portable device that the user is capable of carrying; and

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informing the user of at least route information that has been set of the route information, the first picture information on the route and the second picture

information on the route with vibration.